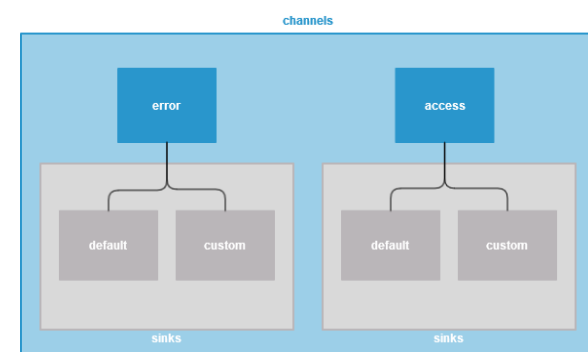


Logger Adapter

With the Log Adapter you can write log messages to the [standard](#) or [transaction](#) log of an xUML service. To write these log messages, you can use

- the **Log adapter**, see
 - [Writing into the Standard xUML Service Log](#)
 - [Writing into the xUML Service Transaction Log](#)
- **action script** (see the [log\(\)](#) Function and [report\(\)](#) Function functions)

The logging follows the channel and sinks concepts.



For more information on the logger concept, refer to [xUML Runtime Logger Configuration](#).

Adding a Logger Adapter Operation to a Diagram

- Base Types
 - Bridge Base
 - Base Components
 - Add Ons
 - FileSystem
 - FlatFile
 - HTTP
 - JSON
 - Kafka
 - Logger
 - Logger
 - log
 - report
 - report
 - Memory
 - MongoDB

Expand the path to the Logger adapter in the service panel (**Base Types /Bridge Base /Base Components /Add Ons /Logger**).

On this Page:

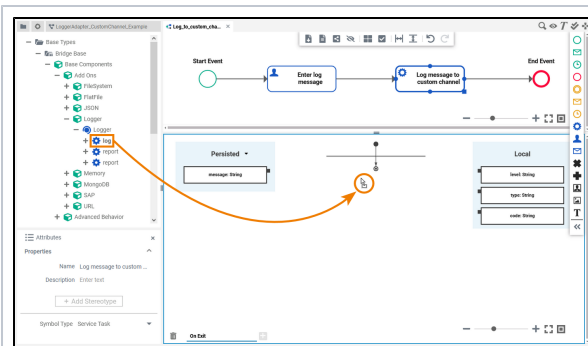
- [Adding a Logger Adapter Operation to a Diagram](#)
- [Configuring a Logger Adapter Operation](#)

Related Pages:

- [Writing into the Standard xUML Service Log](#)
- [Writing into the xUML Service Transaction Log](#)
- [Logger Adapter Reference](#)
- [log\(\) Function](#)
- [report\(\) Function](#)
- [Contents of the Transaction Log](#)

Related Documentation:

- [xUML Service Standard Log](#)
- [xUML Service Transaction Log](#)
- [xUML Runtime Logger Configuration](#)



You can drag out operations from the data model to any diagram:

- BPMN execution diagram
- mapping diagram
- activity diagram

The example on the left shows how to add a Logger adapter operation to a BPMN execution diagram.

Configuring a Logger Adapter Operation

Once a Logger operation has been added to a diagram, it needs to be configured as a Logger adapter.

Attributes

Properties

Name

log

+ Add Stereotype

Symbol Type

Execution Step

Select the newly added Logger adapter operation and switch to the **Attributes** panel. Depending on the diagram type you can see the following information (example BPMN execution diagram):

Attribute	Description	Allowed Values / Example
Name	The name of the Logger adapter operation.	log
Symbol Type	Operations added to a execution diagram are execution steps.	Execution Step

All this is predefined and cannot be changed.

☰ Attributes ×

Properties ^

Name log

+ Add Stereotype

Symbol Type Execution Step

Click **Add Stereotype** to define the selected operation as to be a Logger adapter.

Select Stereotype

- ☐ File System Adapter
- ☐ Flat File Adapter
- ☐ Kafka Producer Adapter
- ☒ Logger
- ☐ Memory Adapter
- ☐ MongoDB Adapter
- ☐ REST Adapter
- ☐ S3
- ☐ SAP IDoc Composer
- ☐ SAP IDoc Parser
- ☐ SAP IDoc Record Composer
- ☐ SAP IDoc Record Parser
- ☐ SAP RFC Adapter
- ☐ SAP TRFC Adapter
- ☐ SAP TRFC Confirm Transaction
- ☐ SAP TRFC Create Transaction
- ☐ SAP XML IDoc Composer
- ☐ SAP XML IDoc Parser
- ☐ SQL Adapter
- ☐ JDBC Adapter

Save Cancel

Select **Logger** from the list of available adapter stereotypes.
Click **Save**.

☰ Attributes ×

Properties ^

Name log

Logger ⌵

+ Add Stereotype

Symbol Type Execution Step

The **Attributes** panel shows the added adapter stereotype. Now you still need to configure the adapter.

Expand the stereotype by clicking the arrow on the right.

Attributes

Properties

Name log

Logger

action +

channel +

+ Add Stereotype

Symbol Type Execution Step

To configure the Logger adapter, you have the following options:

- **action:** For the logger adapter you have to configure an adapter action. For more information see below.
- **channel:** This option is not enabled yet, but will be available to you soon.

Attributes

Properties

Name log

Logger

action log

channel logTo

report

+ Add Stereotype

Symbol Type Execution Step

Click the text **Select an option** or the arrow on the right and select the name of the respective operation as action from the drop-down list.



If the action is not set, the Logger adapter always defaults to **log**.

Refer to [Logger Adapter Reference](#) for detailed information.